

**CERTIFICATE OF SERVICE**

I, Douglas Fretty, certify that I am not less than 18 years of age, and that on April 30, 2018, I caused a copy of the foregoing *Notice of Appearance, Request for Matrix Entry and Request for Service of All Notices and Documents*, filed by IP Management, Inc. and IPW, LLC, to be served upon the persons on the attached service list via email:

  
\_\_\_\_\_  
Douglas Fretty

**SERVICE LIST**

Andrew Elken	aelken@cravath.com
Bradford J. Sandler	bsandler@pszjlaw.com
David Fournier	fournierd@pepperlaw.com
David Stratton	strattond@pepperlaw.com
George E. Zobitz	jzobitz@cravath.com
Hannah Mufson McCollum	Hannah.mccollum@usdoj.gov
Jennifer C. Hagle	jhagle@sidley.com
Mark D. Collins	collins@rlf.com
Meredith A. Lahaie	mlahaie@akingump.com
Paul H. Zumbro	pzumbro@cravath.com
Paul N. Heath	heath@rlf.com
Robert S. Brady	rbrady@ycst.com
Stephen B. Kuhn	skuhn@akingump.com